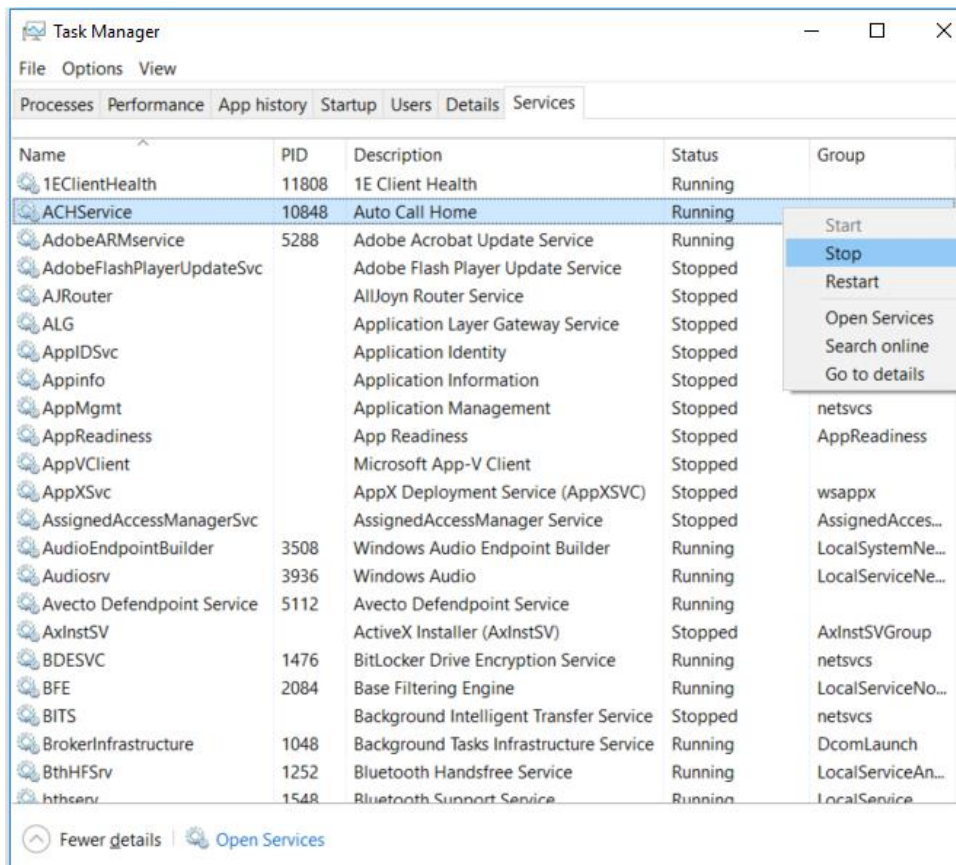


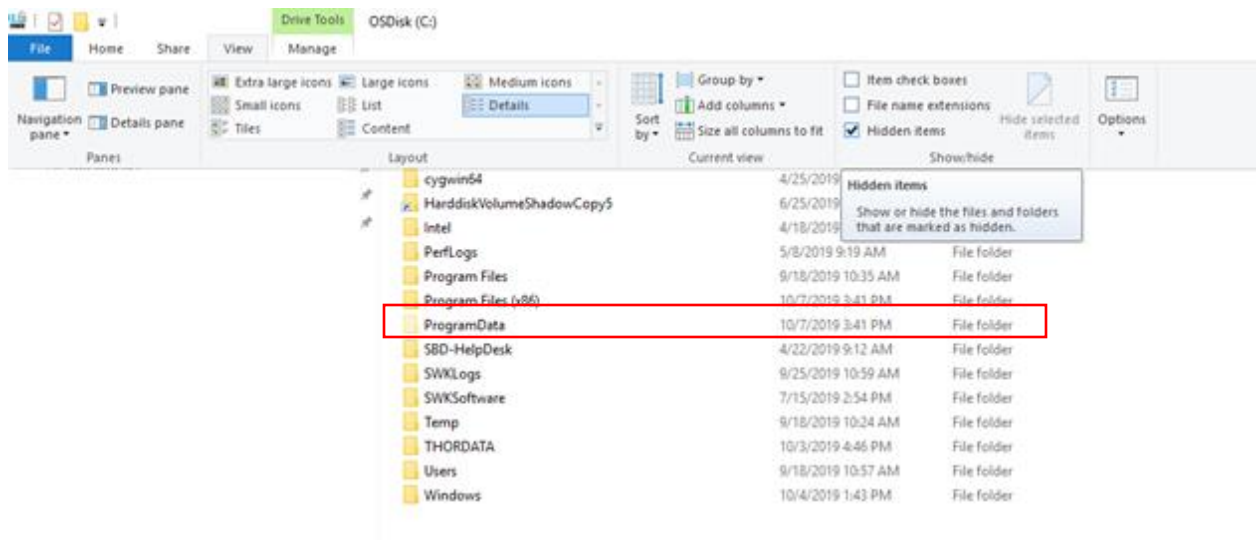
HOW TO UPGRADE MICROMATE FIRMWARE USING THOR

PART 1: CHANGE THE FIRMWARE FILE IN THE C DRIVE

1. Close the THOR application.
2. Next, stop the AutoCall Home service using Task manager->Services->ACHService (Right click and select the Stop option)



3. Go to My Computer->C Drive
4. Ensure hidden files are visible, by checking the hidden items button from View in taskbar.



5. Go to Program Data->Instantel->THOR->System

File Explorer path: This PC > OSDisk (C:) > ProgramData > Instantel > THOR > System >

Name	Date modified	Type	Size
ComplianceGraphs	2/24/2020 4:19 PM	File folder	
Config	2/24/2020 4:19 PM	File folder	
Fields	2/24/2020 4:19 PM	File folder	
FilterFiles	2/24/2020 4:19 PM	File folder	
Fonts	2/24/2020 4:19 PM	File folder	
Lang	12/6/2019 3:44 PM	File folder	
Modem	2/24/2020 4:19 PM	File folder	
SensorFamilies	2/24/2020 4:19 PM	File folder	
TimeLineFiles	2/24/2020 4:19 PM	File folder	
UnitTypes	2/24/2020 4:19 PM	File folder	
WeightFiles	2/24/2020 4:19 PM	File folder	
logo	12/10/2019 4:40 PM	JPG File	22 KB
MICROMATE.BIN	12/10/2019 4:40 PM	BIN File	2,801 KB
SeriesIV_G4.BIN	12/10/2019 4:40 PM	BIN File	1,088 KB
SeriesIV_H3.BIN	12/10/2019 4:40 PM	BIN File	1,088 KB

6. Rename the current MICROMATE.BIN to OLDMICROMATE.BIN
7. Copy the new firmware file to this directory make sure is it named MICROMATE.BIN
8. Restart THOR and Auto Call Home service.

PART 2: UPDATE THE FIRMWARE ON THE UNIT USING THOR

1. Connect the unit over USB or TCP connection.
2. Go the Unit tab and click on Firmware Version menu option on the target unit.

The screenshot displays the Thor software interface. On the left, a table lists units with their serial numbers and names. Unit UM18159 is selected. On the right, the 'Details - UM18159 - Micromate ISEE Standard with Auxiliaries' panel is shown. This panel contains various status and configuration options. The 'Firmware Version' option, which shows '10.90', is highlighted with a red rectangle.

Serial Number	Name
UM18161	Unit UM18161
UM18159	Unit UM18159

Details - UM18159 - Micromate ISEE Standard with Auxiliaries	
Connected	Idle
Connection Status	Monitoring Mode
0 Events	Microphone
Number of Events	Current Unit Setup
INSTANTEL	02/24/2021
Calibration Company	Calibration Date
Edit Owner	Delete All Events and Logs
10.90	Restart Unit
Firmware Version	

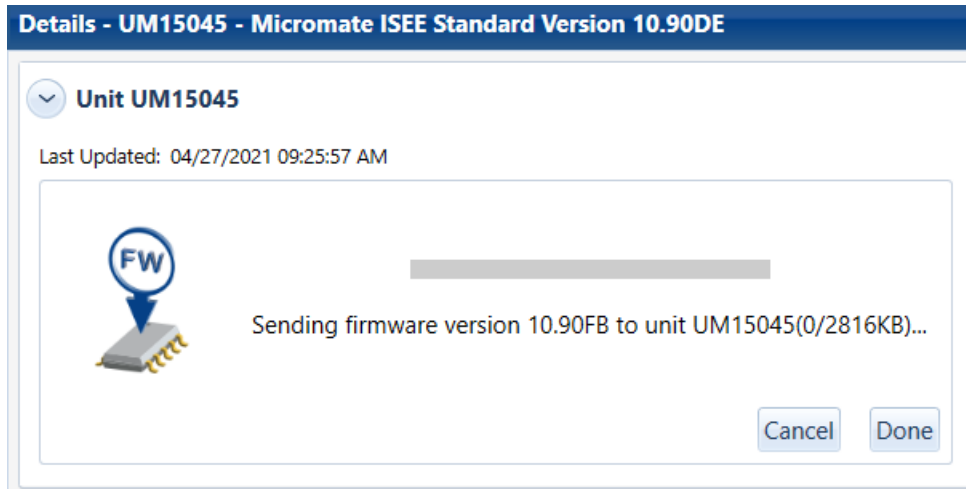
3. Verify that the Latest firmware below is 10.90EA and click on Update.
4. The firmware update on the unit can continue in the background. Press done and update the firmware on the next unit.

The screenshot shows the 'Details - UM15045 - Micromate ISEE Standard Version 10.90DE' panel. It displays the unit's name, last update time, and a firmware update notification. The notification states that the latest available firmware version is 10.90FB and that the unit currently has the latest version. The 'Unit Firmware Version: 10.90DE' and 'The latest available firmware version is: 10.90FB' are highlighted with red rectangles. At the bottom, there are 'Update' and 'Done' buttons.

Unit UM15045
Last Updated: 04/27/2021 09:24:46 AM

Unit Firmware Version: 10.90DE
The latest available firmware version is: 10.90FB
✓ The monitoring unit(s) currently has the latest firmware version.

Click Update to send firmware 10.90FB to the selected monitoring unit [Update](#) [Done](#)



5. You can click done while the new firmware is loaded and move to the next unit and start loading Firmware to it. This will minimize the time required to update multiple units.
6. Double check the firmware of the unit once the unit is done rebooting and is connected again.